005750 0869250

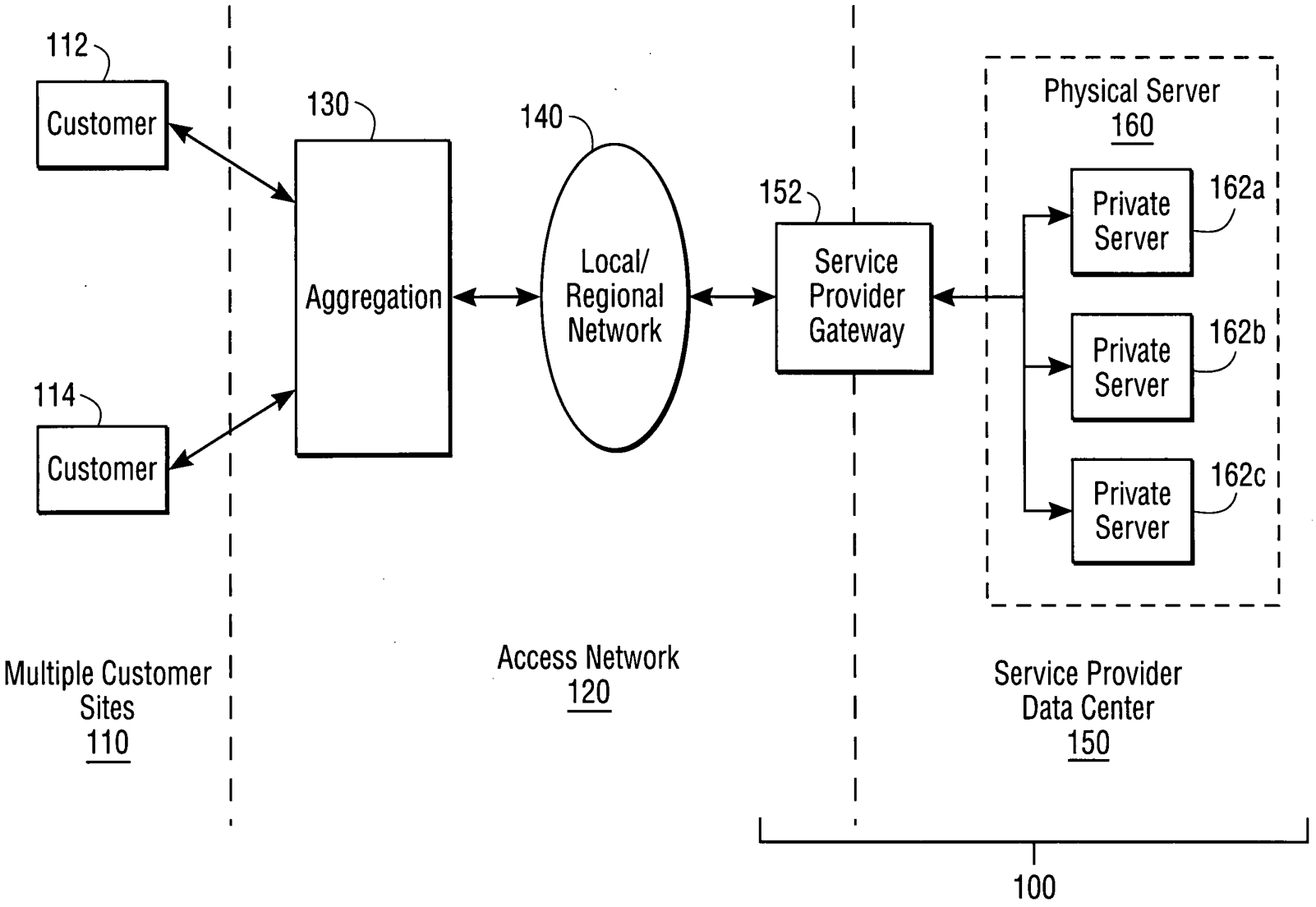
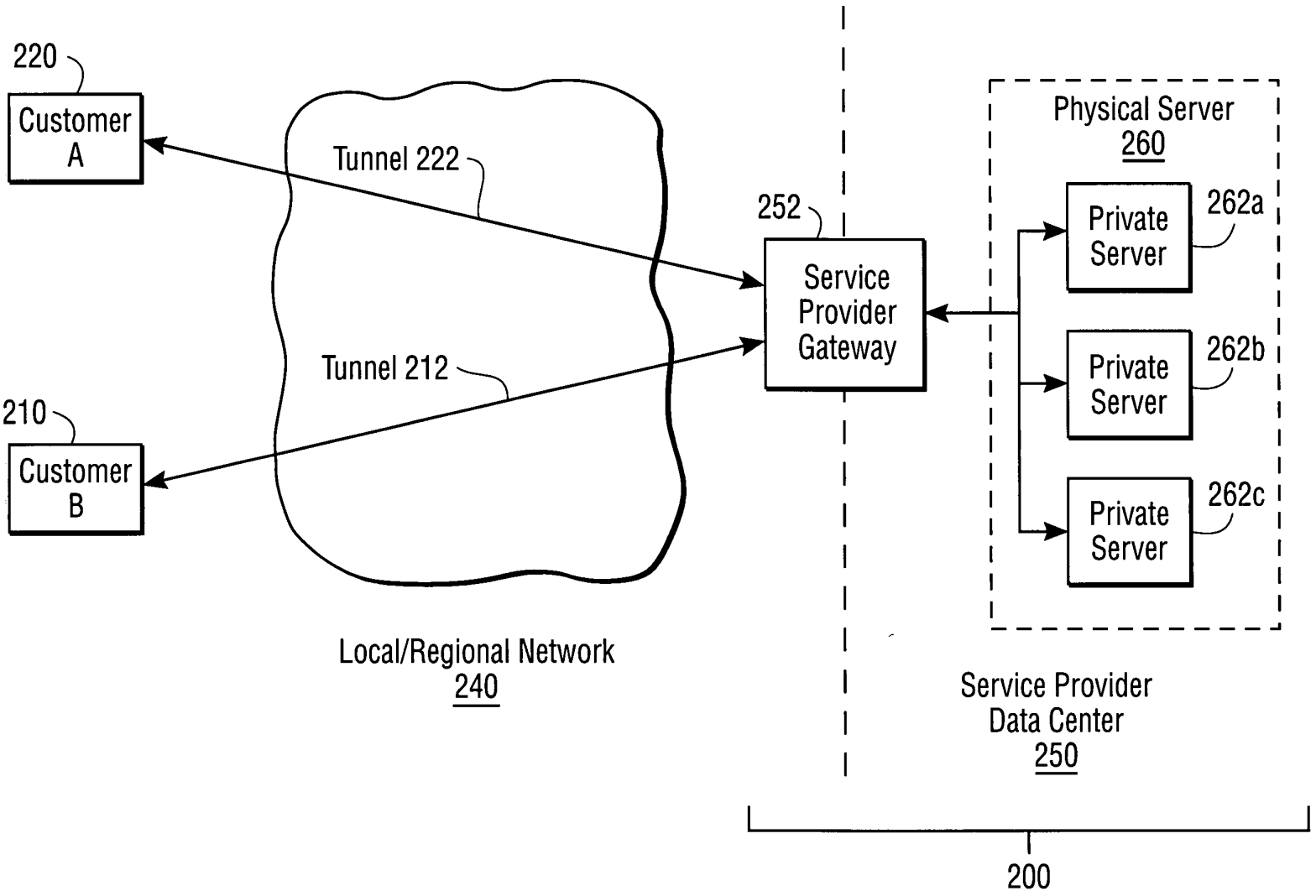
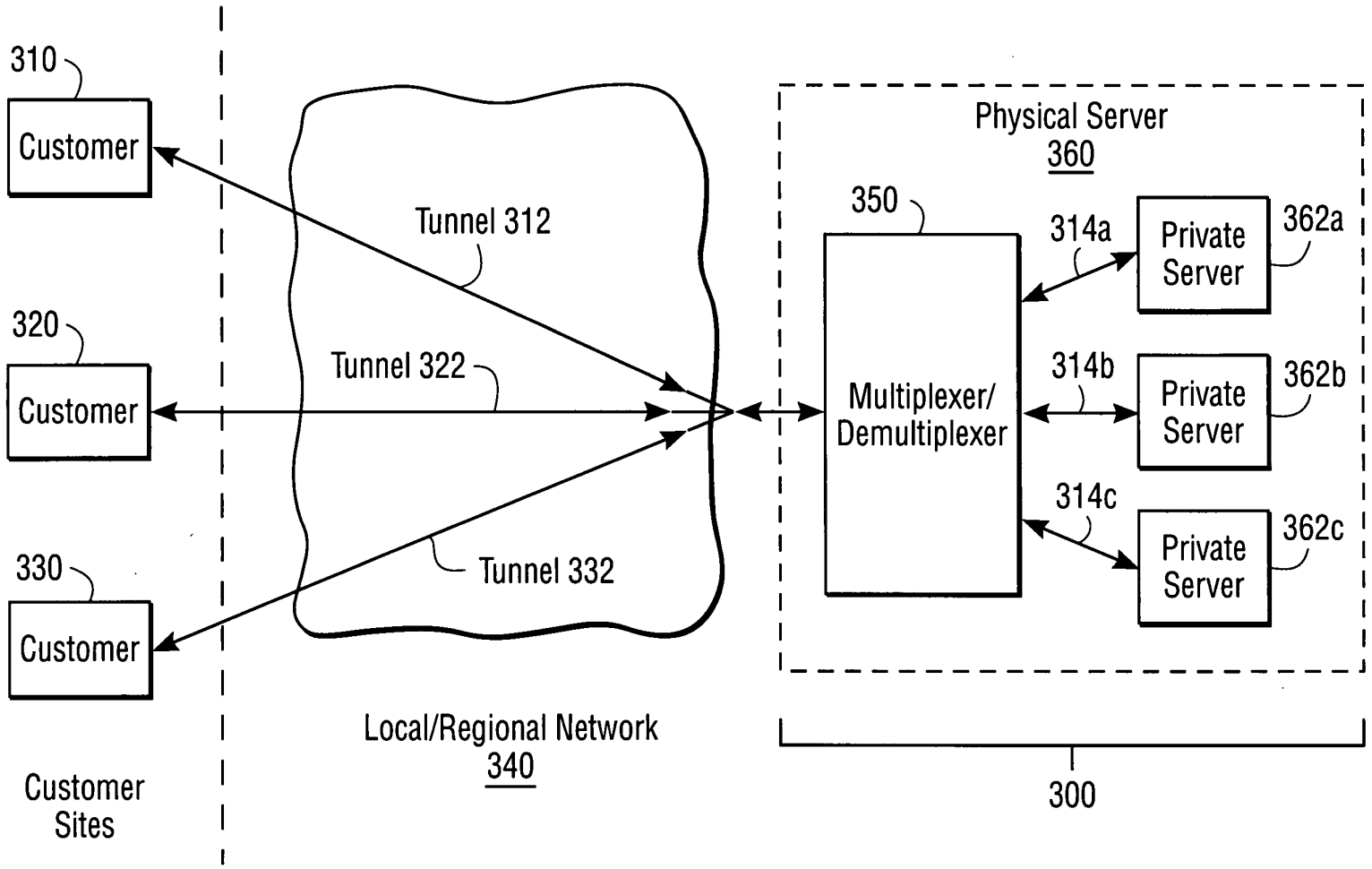


FIG. 1



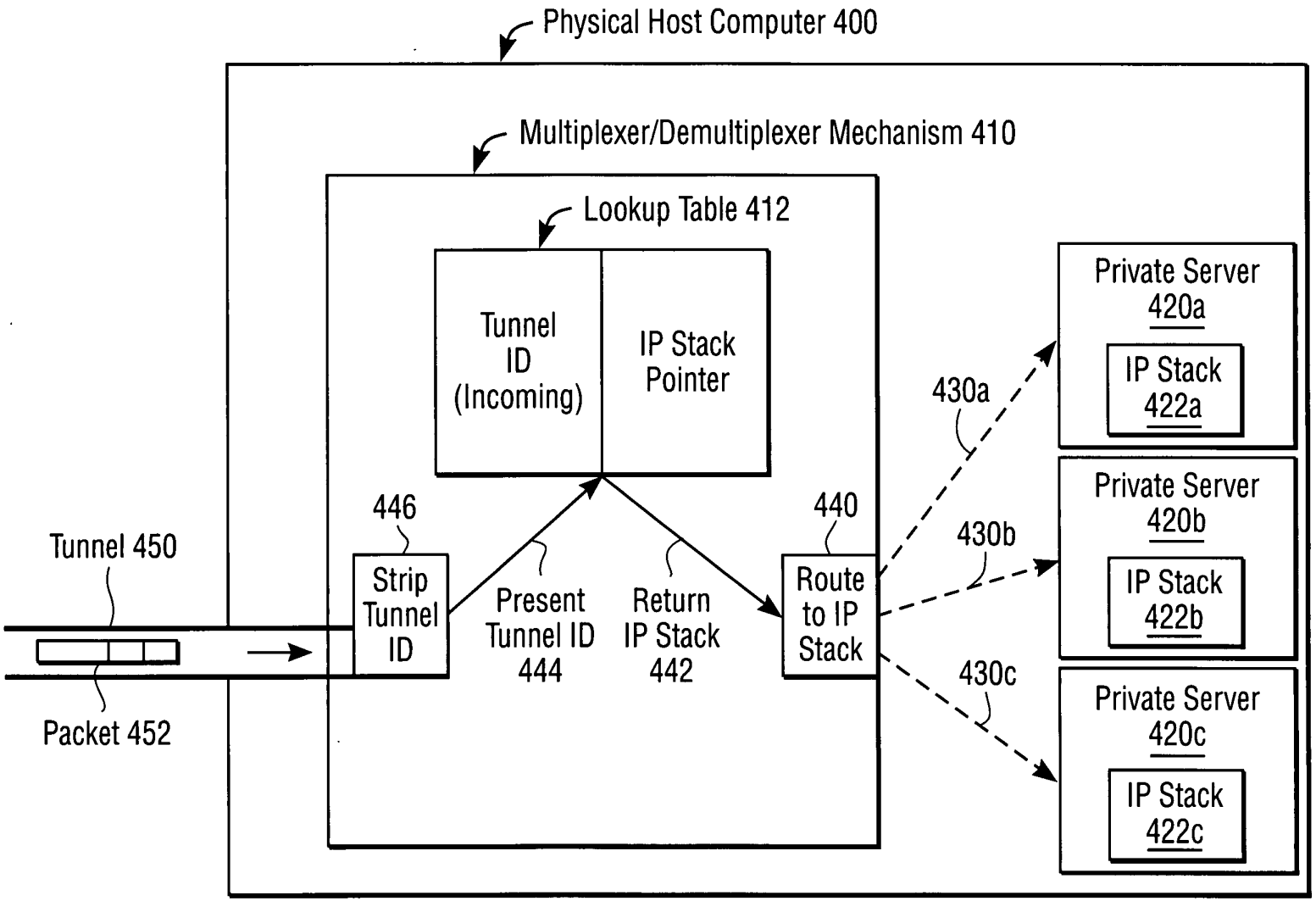
Tunnel Connections

FIG. 2



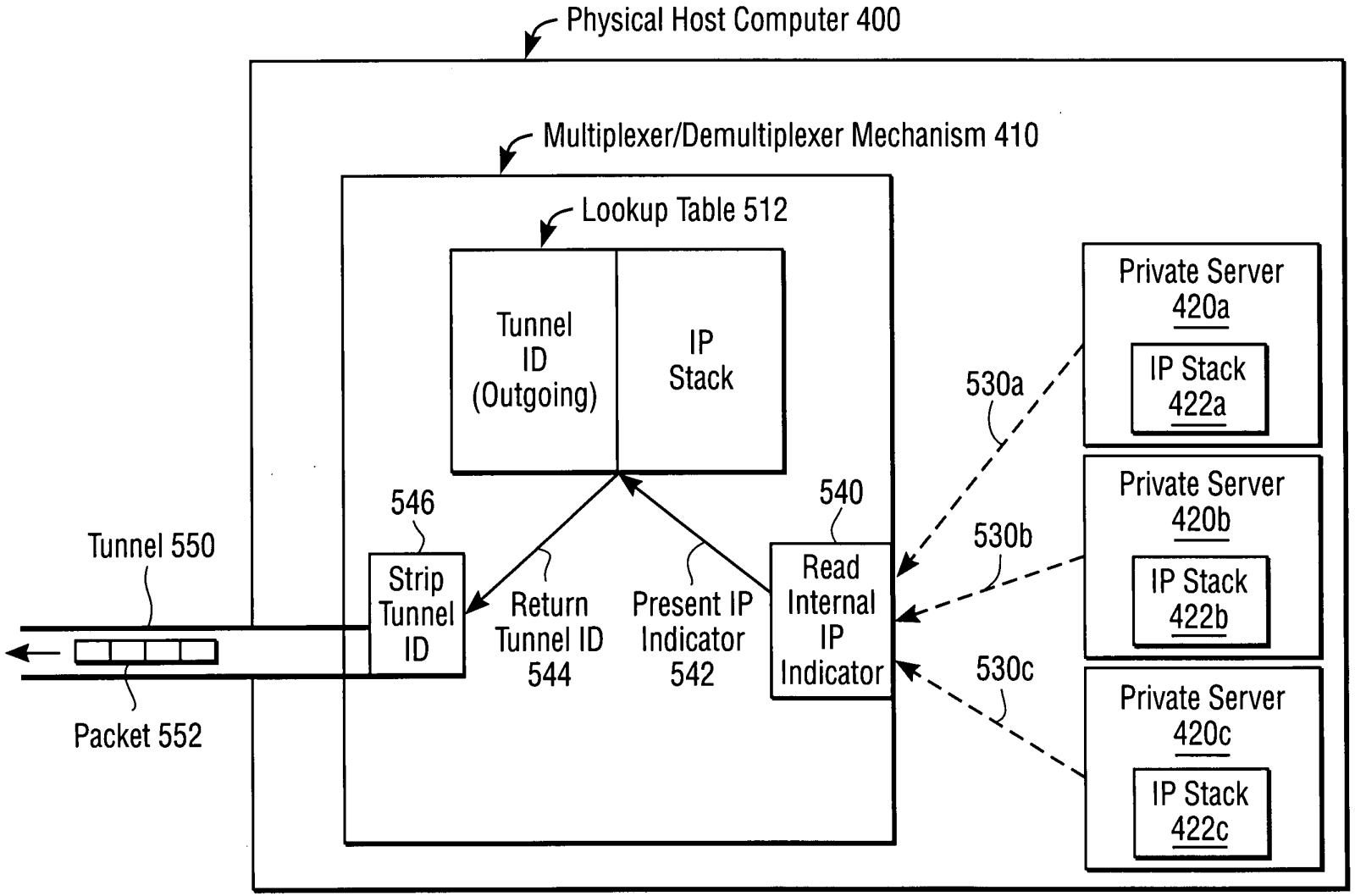
Multiplexing of Tunnels

FIG. 3



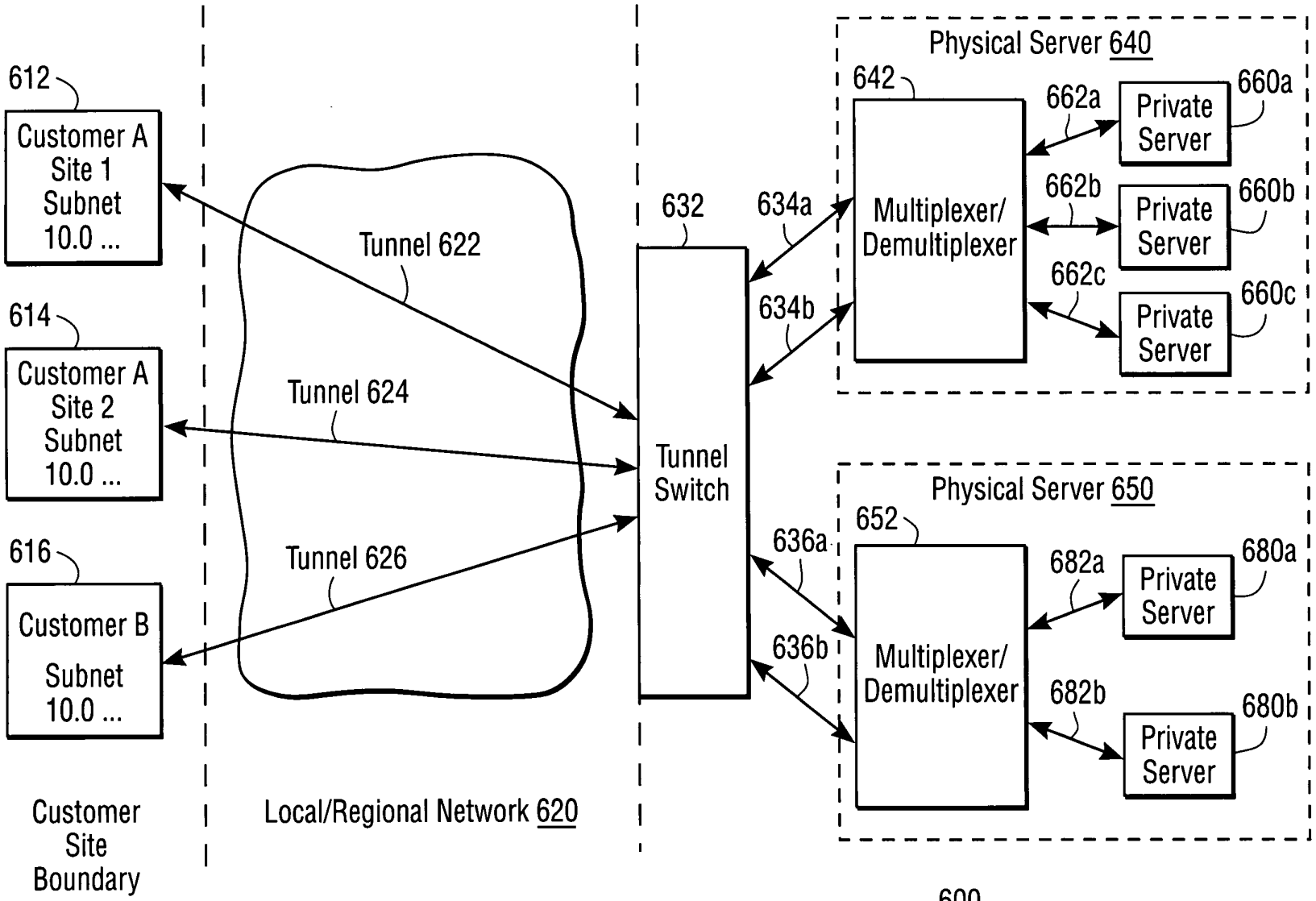
Multiplexer/Demultiplexer
Tunnel-to-Private Server Traffic

FIG. 4



Multiplexer/Demultiplexer
Private Server-to-Tunnel Traffic

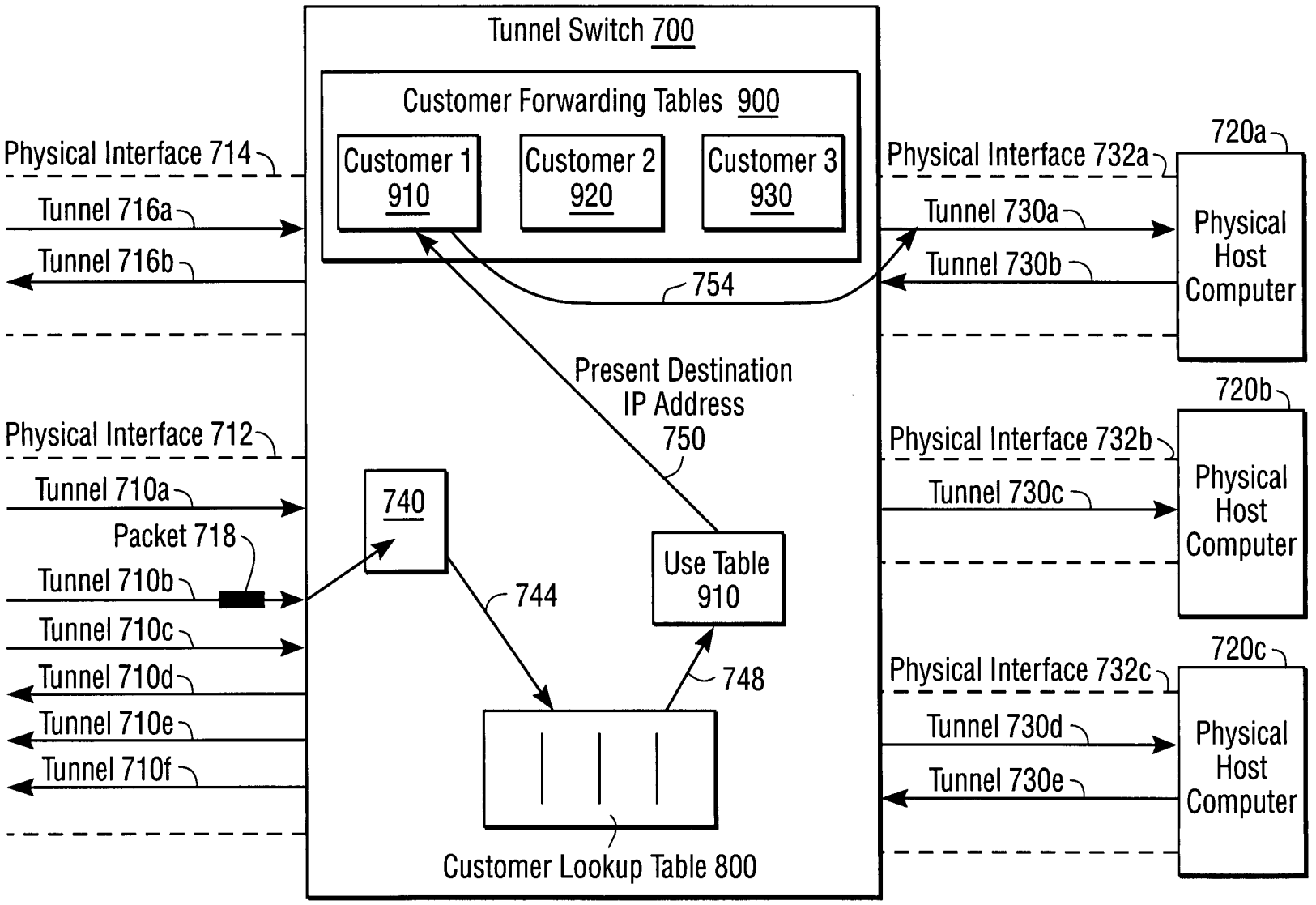
FIG. 5



Multiplexing with Tunnel Switching

FIG. 6

POSTED: 09/09/2004



Tunnel Switch

FIG. 7

0STE0 0869360

Customer Lookup Table 800

Incoming Physical Interface	Incoming Tunnel ID	Service	Customer ID
712	710a	PS	Customer 1
712	710b	PS	Customer 1
712	710c	TS	Customer 2
732a	730b	PS	Customer 1
732c	730e	PS	Customer 3
•	•	•	•
•	•	•	•
•	•	•	•

Customer Lookup Table

FIG. 8

DOCKET 09592560

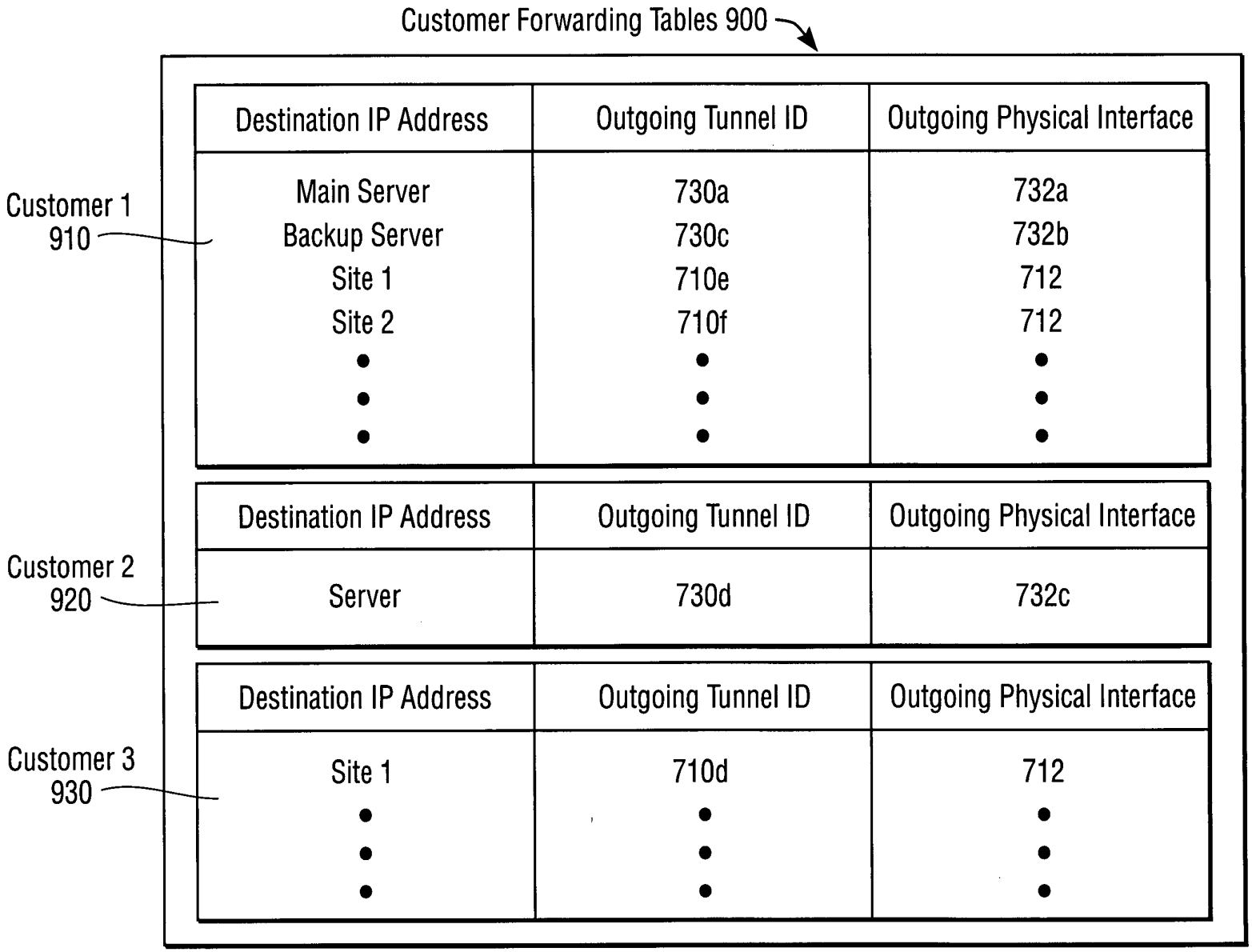
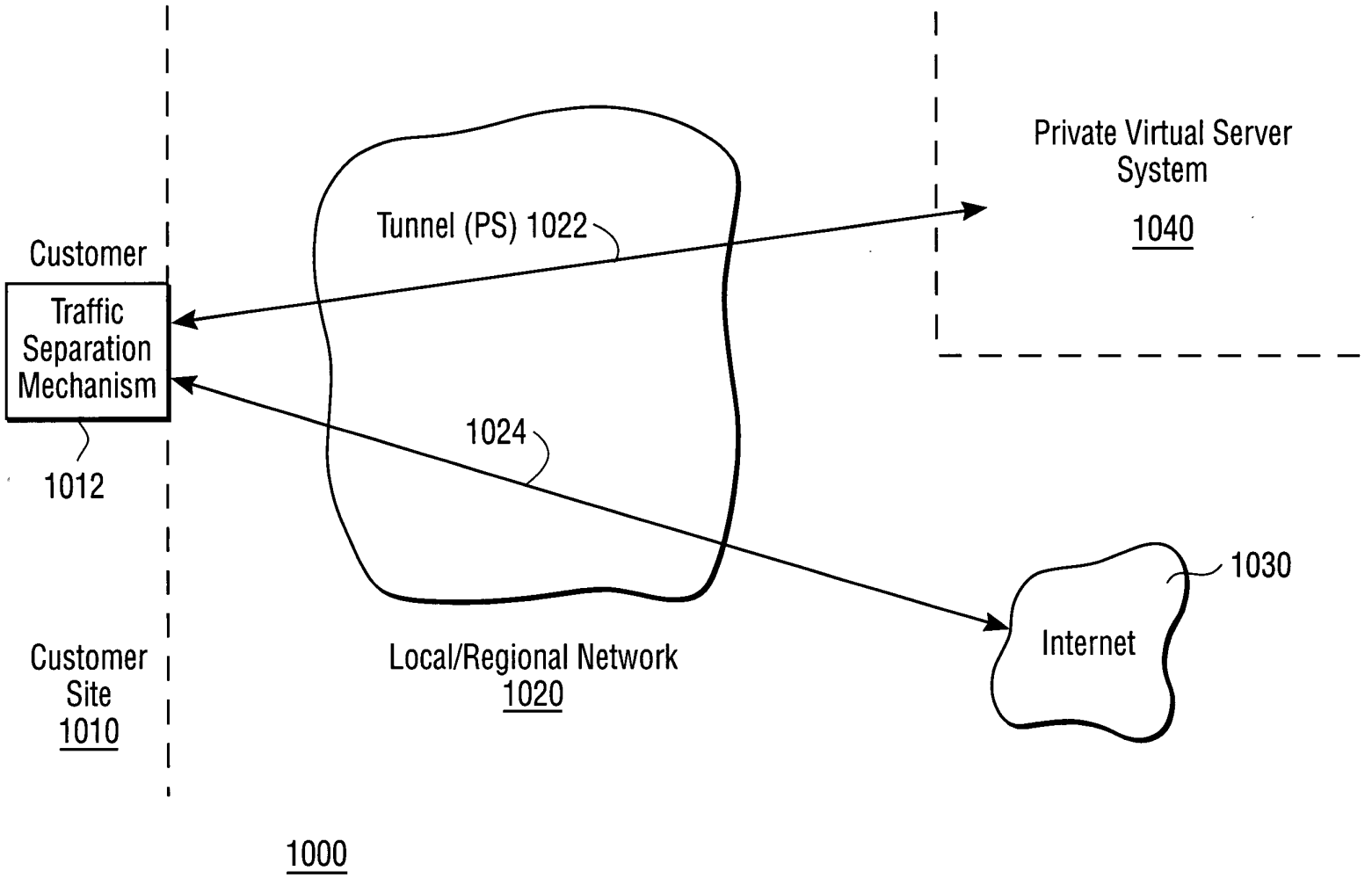


FIG. 9

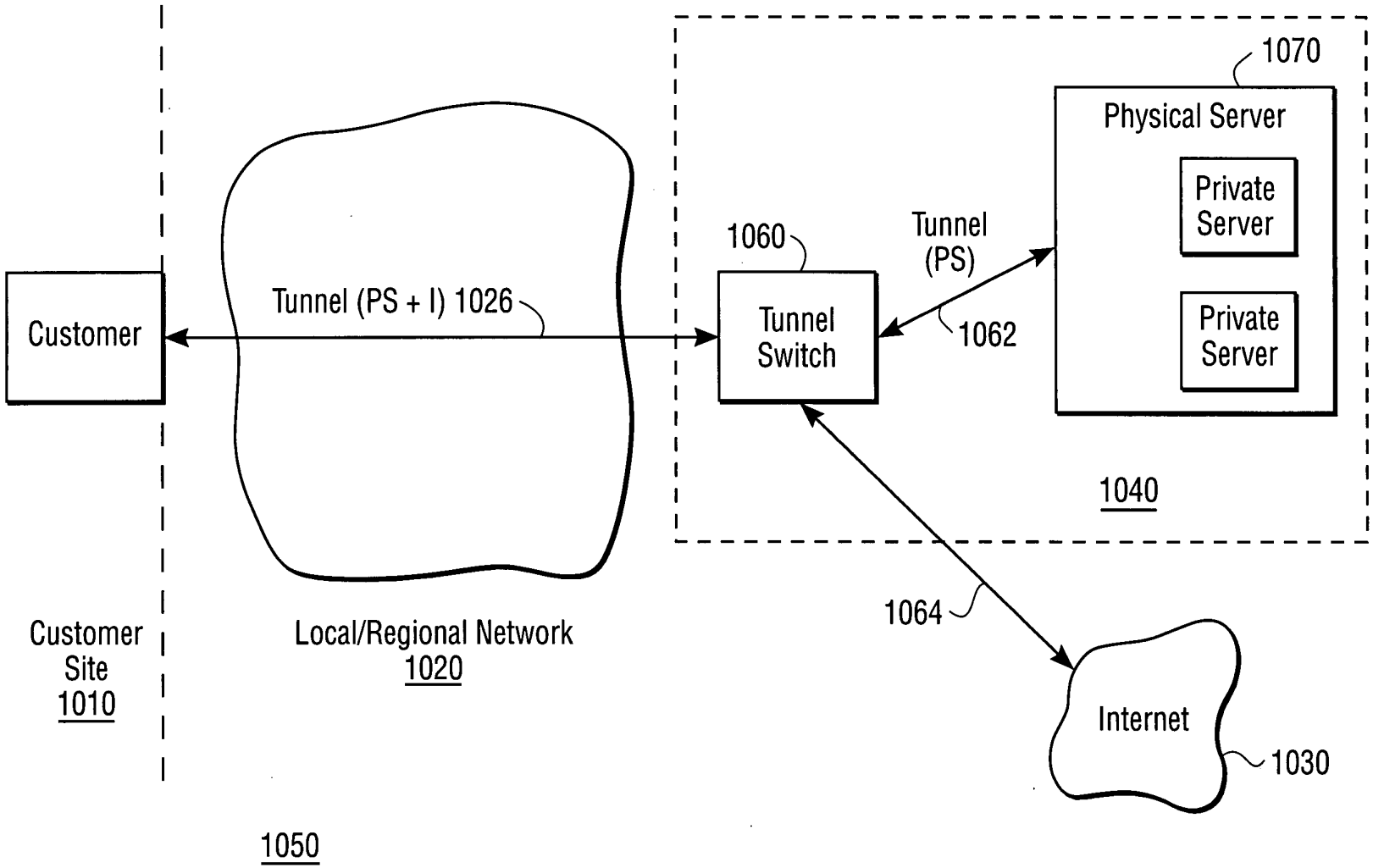
DOCKET 08692560



Separation of Internet and Private Server Traffic

FIG. 10A

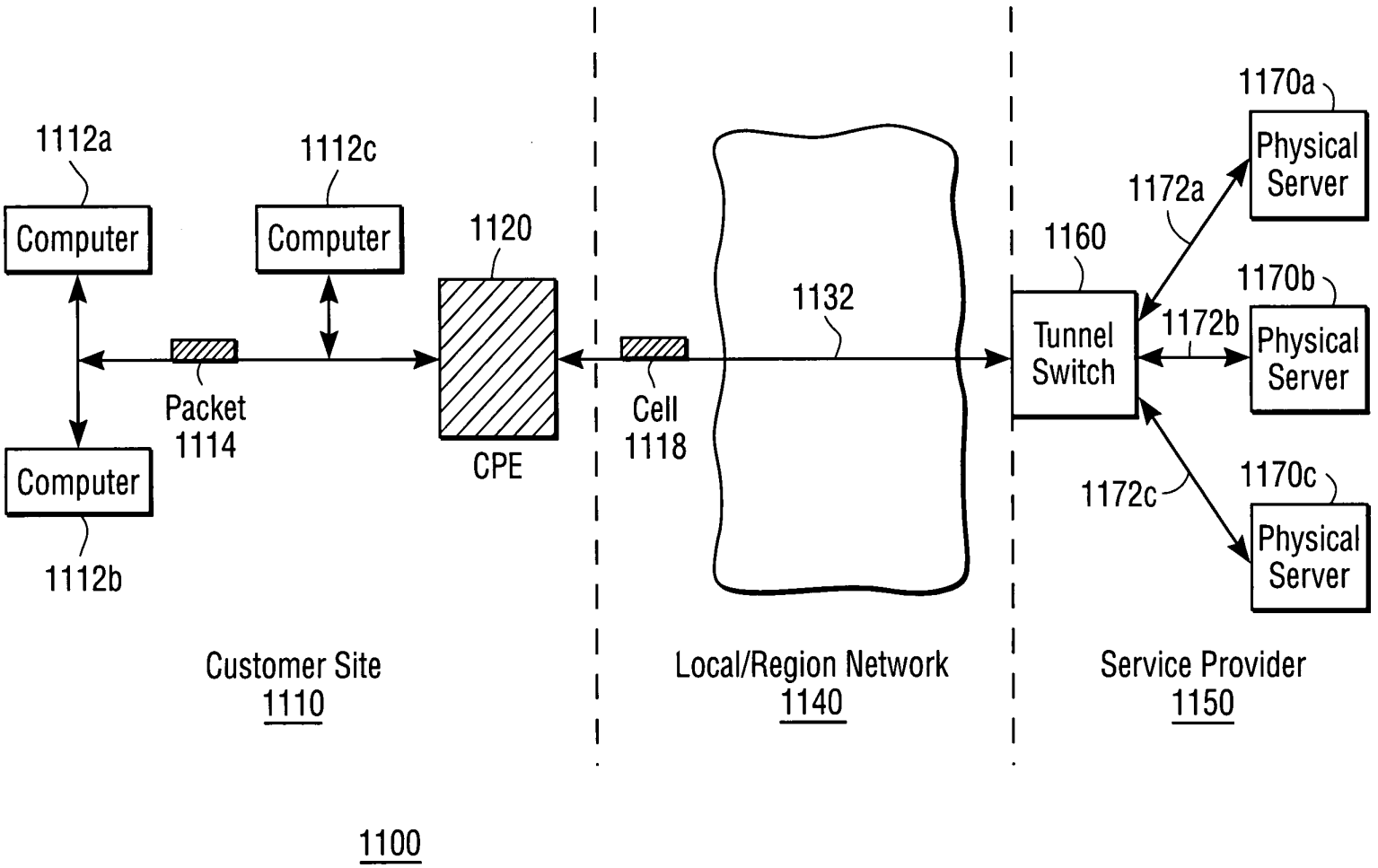
POSTED: 09693560



Separation of Internet and PS Traffic

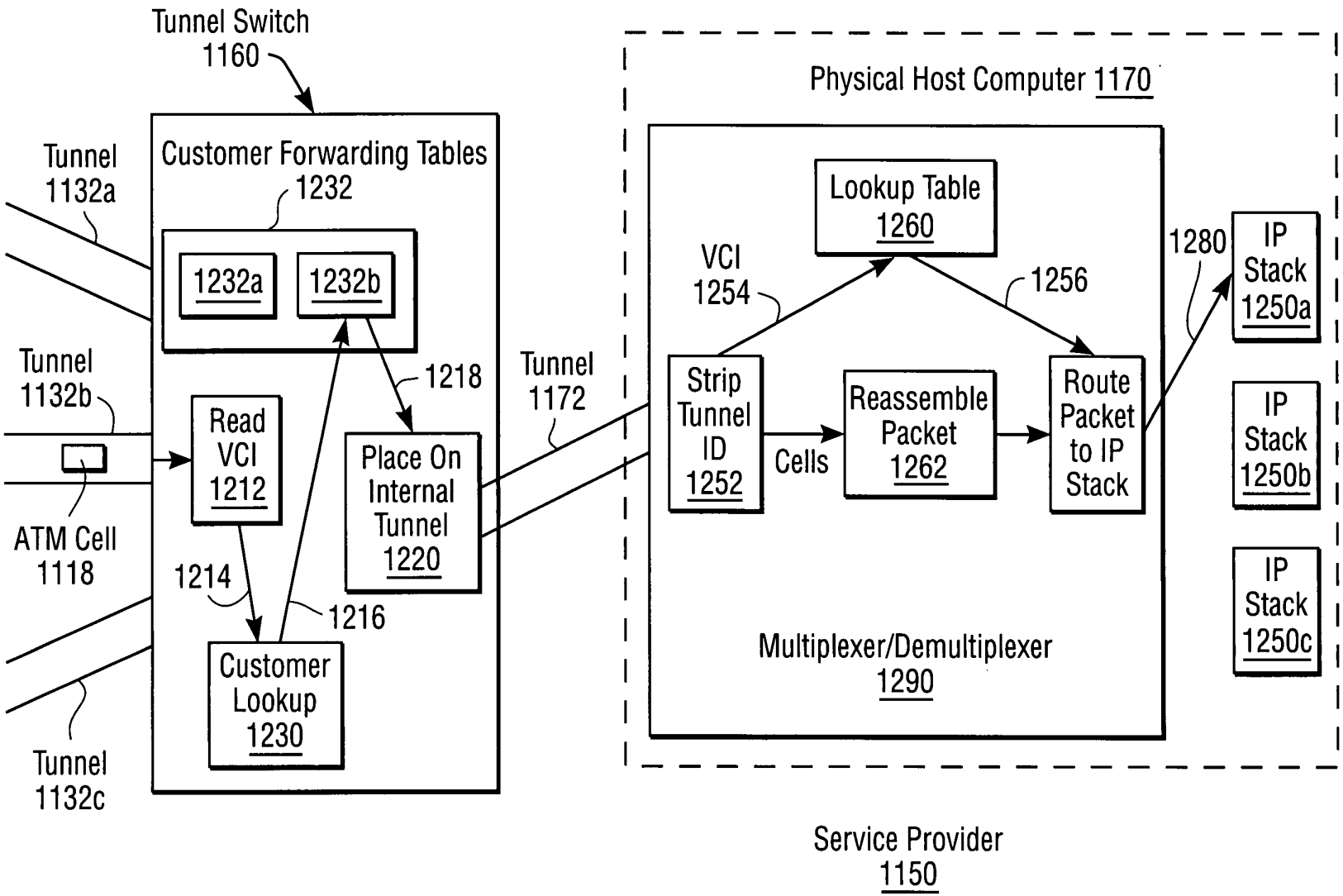
FIG. 10B

DOCKET 09692560



ATM Tunnel Using DSL

FIG. 11



ATM Tunnel Trace

FIG. 12